ON ACOUSTIC EFFECTS OF BOUNDARIES AND SCREENS

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ON ACOUSTIC EFFECTS OF BOUNDARIES AND SCREENS

TO

MOTHER AND FATHER

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BIBL.

The thesis comprises the following papers and reports:

1. S.I. Thomasson, "Reflection of waves from a point source by an impedance boundary", The Journal of the Acoustical Society of America, 59, 780-785 (1976).

2. S.I. Thomasson, "Sound propagation above a layer with a large refraction index", The Journal of the Acoustical Society of America, 61, 659-674 (1977).

3. S.I. Thomasson, "Diffraction by a screen above an impedance boundary", Report TVBA-1001, Department of Building Acoustics, Lund Institute of Technology, Lund, Sweden (1977).

4. S.I. Thomasson, "Theory and experiments on sound propagation above an impedance boundary", Report 75, Division of Building Technology, Lund Institute of Technology, Lund, Sweden (1977).

An outline of the thesis can be found in "Diffraction by a screen above an impedance boundary", Sec. VIII. Abridged versions of "Sound propagation above a layer with a large refraction index" and "Diffraction by a screen above an impedance boundary" are given in "Theory and experiments on sound propagation above an impedance boundary", Part I.

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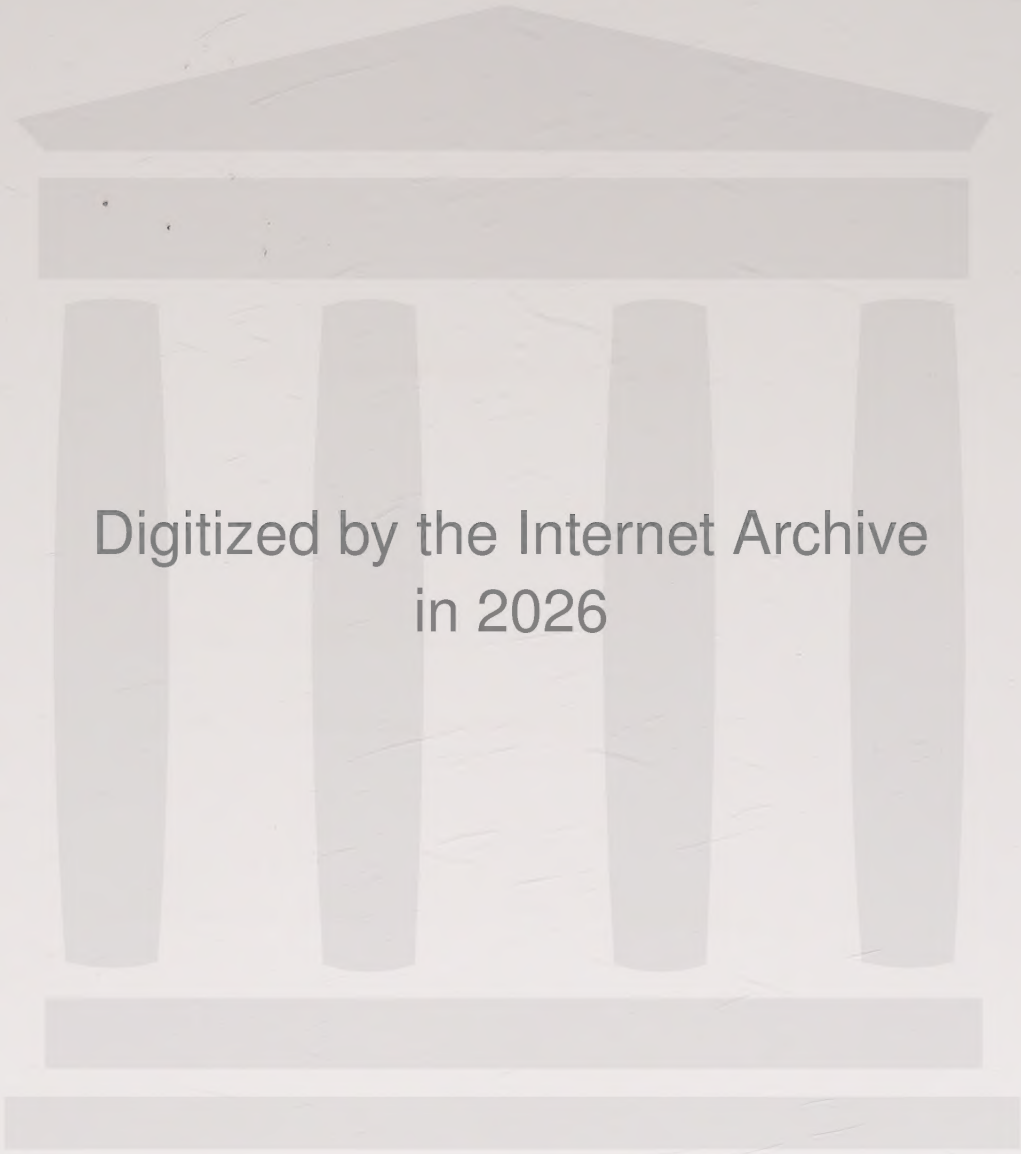
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